

Applicant's Copy

Attach to Paper 040104  
10/029,471

Sheet 1 of 1

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Attorney Docket No. 50200/002003		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Serial No. 10/029,471		Applicant Mehran M. Khodadoust		
		Filing Date October 25, 2001		Group <del>2800</del> 1636		
		IDS Filed May 22, 2002		Customer No. 21559		
U.S. PATENTS						
Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)						
DI	Abuin et al., "Recycling Selectable Markers in Mouse Embryonic Stem Cells," <i>Molecular and Cellular Biology</i> 16(4):1851-1856 (1996).					
DI	Sekiguchi et al., "Kinetic Analysis of DNA and RNA Strand Transfer Reactions Catalyzed by Vaccinia Topoisomerase," <i>The Journal of Biological Chemistry</i> 272(25):15721-15728 (1997).					
DI	Westphal et al., "Transposon-generated 'Knock Out' and 'Knock-in' Gene-targeting Constructs for Use in Mice," <i>Current Biology</i> 7(7):530-533 (1997).					
EXAMINER	David Lambertson			DATE CONSIDERED 4/1/04		
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.						

RECEIVED  
JUN-5 2002  
TC-2800 MAIL ROOM

*Applicant's Copy*

Attach to Paper 040104  
10/029,471

Sheet 1 of 4

SUBSTITUTE FORM PTO-1449 (MODIFIED)  INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)  (37 C.F.R. § 1.98(b))	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No.	50200/002003
		Serial No.	10/029,471
		Applicant	Mehran M. Khodadoust
		Filing Date	October 25, 2001
		Group	1636
		IDS Filed	July 18, 2003
		Customer No.	21559

03 JUL 18 PM 4:18

U.S. PATENTS

Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)
<i>DL</i>	4,959,317	09/25/1990	Sauer	435	172.3	04/29/87
<i>DL</i>	5,364,783	11/15/1994	Ruley et al.	435	235.1	05/14/90
<i>DL</i>	5,436,128	07/25/1995	Harpold et al.	435	6	01/27/93
<i>DL</i>	5,589,362	12/31/1996	Bujard et al.	435	69.1	06/07/95
<i>DL</i>	5,590,362	12/31/1996	Baum et al.	395	800	01/24/95
<i>DL</i>	5,650,298	07/22/1997	Bujard et al.	435	69.7	06/14/94
<i>DL</i>	5,654,168	08/05/1997	Bujard et al.	435	69.1	07/15/94
<i>DL</i>	5,665,543	09/09/1997	Foulkes et al.	435	6	06/28/94
<i>DL</i>	5,789,156	08/04/1998	Bujard et al.	435	6	02/03/95
<i>DL</i>	5,814,618	09/29/1998	Bujard et al.	514	44	06/07/95
<i>DL</i>	5,922,601	07/13/1999	Baetscher et al.	435	456	09/16/96
<i>DL</i>	5,928,888	07/27/1999	Whitney	435	29	09/26/96
<i>DL</i>	5,965,440	10/12/1999	Reeves	435	456	12/07/95
<i>DL</i>	6,153,380	11/28/2000	Nolan et al.	435	6	01/23/97
<i>DL</i>	6,248,934 B1	06/19/2001	Tessier-Lavigne et al.	800	21	11/13/98

TECH CENTER 1600/2900

RECEIVED  
JUL 21 2003

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
<i>DL</i>	WO 97/24458	10.07.97	<del>WIPO</del> PCT			No
<i>DL</i>	WO 98/24918	11.06.98	<del>WIPO</del> PCT Abstract Only			Yes
<i>DL</i>	WO 99/02719	21.01.99	<del>WIPO</del> PCT			No

EXAMINER *David Lambertson*

DATE CONSIDERED *8/1/04*

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.

SUBSTITUTE FORM PTO-1449 (MODIFIED)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)  (37 C.F.R. § 1.98(b))	Attorney Docket No.	50200/002003
	Serial No.	10/029,471
	Applicant	Mehran M. Khodadoost
	Filing Date	October 25, 2001
	Group	1636
	IDS Filed	July 18, 2003
Customer No.	21559	

## U.S. PATENTS

Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Translation (Yes/No)
DL	WO 99/43848	02.09.99	WIPO PCT			No
DL	WO 99/50426	07.10.99	WIPO PCT			No
DL	WO 99/61604	02.12.99	WIPO PCT			No
DL	WO 00/24881	04.05.00	WIPO PCT			No
DL	WO 00/31236	02.06.00	WIPO PCT			No
DL	EP 0 902 092 A2	17.03.99	EPO Abstract Only			Yes (abstract)

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)

DL	Alberts, <i>Molecular Biology of the Cell</i> , 2 <sup>nd</sup> Edition Garland Publishing Inc. New York, page 533, (1989)
DL	Alberts et al., <i>Molecular Biology of the Cell</i> , 3 <sup>rd</sup> Edition Garland Publishing Inc. New York, page 373, (1994)
DL	Akiyama et al., "Identification of a Series of Transforming Growth Factor $\beta$ -Responsive Genes by Retrovirus-Mediated Gene Trap Screening," <i>Mol. Cell. Biol.</i> 20:3266-3273, (2000)
DL	Amin et al., "Synaptic Intermediates Promoted by the FLP Recombinase," <i>J. Mol. Biol.</i> 214:55-72, (1990)
DL	Böger et al., "Functional Determinants for the tetracycline-dependent transactivator tTA in transgenic mouse embryos," <i>Mechanisms of Development</i> 83:141-153, (1999)
DL	Craig, "The Mechanism of Conservative Site-Specific Recombination," <i>Annu. Rev. Genet.</i> 22:77-105, (1988)
DL	Cregg et al., "Use of Site-Specific Recombination to Regenerate Selectable Markers," <i>Molec. Gen. Genet.</i> 219:320-323, (1989)
DL	de Villartay, "Deletion of the Human T-cell Receptor $\delta$ -gene By a Site-Specific Recombination," <i>Nature</i> 335:170-174, (1988)
DL	Echols, "Nucleoprotein Structures Initiating DNA Replication, Transcription, and Site-specific Recombination," <i>J. Biol. Chem.</i> 265:14697-14700, (1990)
DL	Feng et al., "Site-Specific Chromosomal Integration in Mammalian Cells: Highly Efficient CRE Recombinase-Mediated Cassette Exchange," <i>J. Mol. Biol.</i> 292:779-785, (1999)
DL	Forrester et al., "An Induction Gene Trap Screen in Embryonic Stem Cells: Identification of Genes that Respond to Retinoic Acid <i>In Vitro</i> ," <i>Proc. Natl. Acad. Sci. USA</i> , 93:1677-1682, (1996)
DL	Friedrich et al., "Promoter Traps in Embryonic Stem Cells: a Genetic Screen to Identify and Mutate developmental Genes in Mice," <i>Genes and Development</i> 5: 1513-1523, (1991)

EXAMINER

David Jambertan

DATE CONSIDERED

4/1/04

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.

JUL 21 2003

RECEIVED

TECH CENTER 1600/2900

SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No.	50200/002003
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)  (37 C.F.R. § 1.98(b))		Serial No.	10/029,471
		Applicant	Mehran M. Khodadoust
		Filing Date	October 25, 2001
		Group	1636
		IDS Filed	July 18, 2003
		Customer No.	21559
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)			
DS	Glasgow et al., "DNA-Binding Properties of the Hln Recombinase," <i>J. Biol. Chem.</i> 264:10072-10082, (1989)		
DS	Golic et al., "The FLP Recombinase of Yeast Catalyzes Site-Specific Recombination in the Drosophila Genome," <i>Cell</i> 59:499-509, (1989)		
DS	Haffter et al., "Enhancer-Independent Mutants of the Cin Recombinase Have A Relaxed Topological Specificity," <i>EMBO J.</i> 7:3991-3996, (1988)		
DS	Harrison et al., "Functional Identification of Genes Up- and Down- Regulated by Glucocorticoids in AtT-20 Pituitary Cells Using an Enhancer Trap," <i>Endocrinology</i> 137:2758-2765, (1996)		
DS	Hoess et al., "P1 Site-Specific Recombination: Nucleotide Sequence of the Recombining Sites," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 79:3398-3402, (1982)		
DS	Hübner et al., "Bent DNA is Needed for Recombinational Enhancer Activity in the Site-Specific Recombination System Cin of Bacteriophage P1. The Role of FIS Protein," <i>J. Mol. Biol.</i> 205:493-500 (1989)		
DS	Hunger-Bertling et al., "Short DNA Fragments Induce Site Specific Recombination in Mammalian Cells," <i>Mol. Cell Biochem.</i> 92:107-116, (1990)		
DS	Ishida et al., "RET: A Poly A-Trap Retrovirus Vector for Reversible Disruption and Expression Monitoring of Genes in Living Cells," <i>Nucleic Acids Research</i> , 27:l-viii, (1999)		
DS	Khodadoust et al., "Distinct Regulatory Mechanisms for Interferon- $\alpha/\beta$ (IFN- $\alpha/\beta$ )- and IFN- $\gamma$ -Mediated Induction of Ly-6E Gene in B Cells," <i>Blood</i> 92:2399-2409, (1998)		
DS	Khodadoust et al., "Complex Regulation of Ly-6E Gene Transcription in T Cells by IFNs," <i>J. Immunol.</i> 163:811-819, (1999)		
DS	Mainguy et al., "An Induction Gene Trap for Identifying a Homeoprotein-Regulated Locus," <i>Nature Biotechnology</i> 18:746-749, (2000)		
DS	Malynn et al., "The scid Defect Affects the Final Step of the Immunoglobulin VDJ Recombinase Mechanism," <i>Cell</i> 54:453-460, (1988)		
DS	Matsuzaki et al., "Chromosome Engineering in <i>Saccharomyces cerevisiae</i> by Using a Site-Specific Recombination System of a Yeast Plasmid," <i>J. Bacteriol.</i> 172:610-618, (1990)		
DS	Medico et al., "A Gene Trap Vector System for Identifying Transcriptionally Responsive Genes," <i>Nature Biotechnology</i> 19:579-582, (2001)		
DS	Mercier et al., "Structural and Functional Characterization of <i>tnpI</i> , a Recombinase Locus in Tn21 and related $\beta$ -Lactamase Transposons," <i>J. Bacteriol.</i> 172:3745-3757, (1990)		
DS	Nair et al. "Inhibition of Natural Killer Cell Activities from Normal Donors and AIDS patients by Envelope peptides from Human Immunodeficiency Virus Type 1," <i>Cell Mol. Biol.</i> 43:969-979, (1997)		
EXAMINER	DATE CONSIDERED		
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.			

JUL 21 2003

RECEIVED

TECH CENTER 1600/2900

SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (MODIFIED) PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)  (37 C.F.R. § 1.98(b))		Attorney Docket No. 50200/002003  Serial No. 10/029,471  Applicant Mehran M. Khodadoust  Filing Date October 25, 2001  Group 1636  IDS Filed July 18, 2003  Customer No. 21559
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)		
DS	Parsons et al., "Functional Analysis of Arg-308 Mutants of Flp Recombinase," <i>J. Biol. Chem.</i> 265:4527-4533, (1990)	
DS	Poyart-Salmeron et al., "Molecular Characterization of Two Proteins Involved in the Excision of the Conjugative Transposon Tn1545: Homologies With Other Site-Specific Recombinases," <i>EMBO J.</i> 8:2425-2433, (1989)	
DS	Reddy et al., "Retrovirus Promoter-Trap Vector to Induce lacZ Gene Fusions in Mammalian Cells," <i>J. Virol.</i> 65:1507-1515, (1991)	
DS	Sato et al., "The <i>cisA</i> Cistron of <i>Bacillus subtilis</i> Sporulation Gene <i>spoIVC</i> Encodes a Protein Homologous to a Site-Specific Recombinase," <i>J. Bacteriol.</i> 172:1092-1098, (1990)	
DS	Sauer, "Inducible Gene Targeting in Mice Using the Cre/lox System," <i>Methods: A Companion to Methods in Enzymology</i> 14:381-392, (1998)	
DS	Sauer et al., "Site-Specific DNA Recombination In Mammalian Cells By the Cre Recombinase of Bacteriophage P1," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 85:5166-5170 (1988)	
DS	Skarnes et al., "A Gene Trap Approach in Mouse Embryonic Stem Cells: the <i>lacZ</i> Reporter Is Activated By Splicing, Reflects Endogenous Gene Expression and Is Mutagenic in Mice," <i>Genes and Development</i> 6:903-918, (1992)	
DS	Soriano et al., "Promoter Interactions in Retrovirus Vectors Introduced into Fibroblasts and Embryonic Stem Cells," <i>J. Virol.</i> 65:2314-2319, (1991)	
DS	Stark et al., "Site-Specific recombination by Tn3 Resolvase: Topological Changes in the Forward and Reverse Reactions," <i>Cell</i> 58:779-790, (1989)	
DS	von Melchner et al., "Isolation of Cellular Promoters by Using a Retrovirus Promoter Trap," <i>Proc. Natl. Acad. Sci. USA</i> 87:3733-3737, (1990)	
DS	Whitney et al., "A Genome-wide Functional Assay of Signal Transduction in Living Mammalian Cells," <i>Nature Biotechnology</i> 16:1329-1333, (1998)	
DS	Zambrowicz et al., "Disruption and Sequence Identification of 2,000 Genes in Mouse Embryonic Stem Cells," <i>Nature</i> 392:608-611, (1998)	
DS	Zlokarnik et al., "Quantitation of Transcription and Clonal Selection of Single Living Cells with $\beta$ -Lactamase as Reporter," <i>Science</i> 279:84-88, (1998)	
EXAMINER	David Lamberton	DATE CONSIDERED 4/1/04
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.		

 RECEIVED  
 TECH CENTER 1600/2900

JUL 21 2003

HCV:11:11